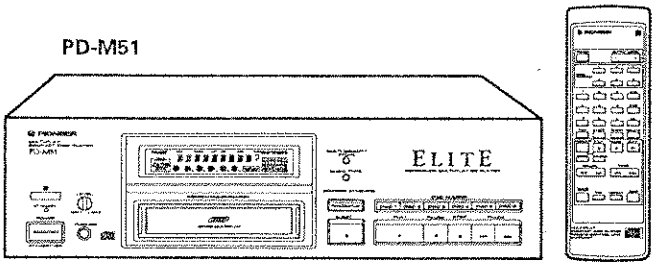
Operating Instructions

MULTI-PLAY COMPACT DISC PLAYER

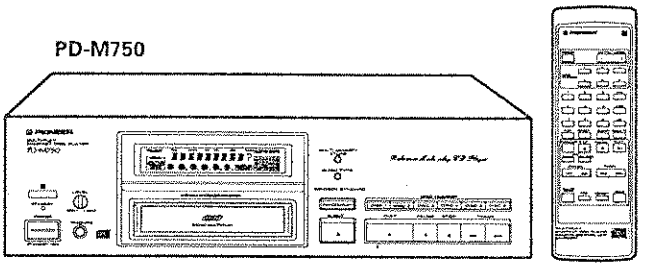
PD-M51
PD-M750

COMPACT disc DIGITAL AUDIO

PD-M51



PD-M750



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT NOTICE

[For U.S. and Canadian models]

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

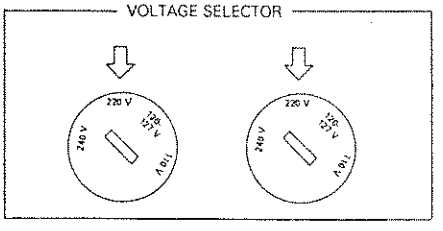
THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

LINE VOLTAGE SELECTOR SWITCHES

Only multi-voltage models are provided with these switches. U.S., Canadian, European, U.K., and Australian models are not provided with these switches.
Mains voltages in Saudi Arabia are 127V and 220V only. Never use this model with 110V setting in Saudi Arabia.

The line voltage selector switches are located on the rear panel of this player. Before your player is shipped from the factory, the switches are set to the power requirements of the player's destination. Check that they are set properly before plugging the power cord into the outlet. If the voltage is not properly set or if you move to an area where the voltage requirements differ, adjust the selector switches as follows:

- Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switch and turn it so that the power voltage making of your area points to the arrow. **Be sure to adjust both switches.**



PIONEER®
The Art of Entertainment

IMPORTANT 1

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT 2

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last (make sure that the power switch is off.)

FOR USE IN THE UNITED KINGDOM

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
Do not connect either wire to the earth terminal of a three pin plug.
Equipment sold in the U.K. is not supplied with a power plug.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS – All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS – The operating instructions should be retained for future reference.

HEED WARNING – All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

WATER AND MOISTURE – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

LOCATION – The appliance should be installed in a stable location.

WALL OR CEILING MOUNTING – The appliance should not be mounted to a wall or ceiling.

VENTILATION – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER-CORD PROTECTION – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION – If your purchased product is provided with a polarized power plug, please read the following instructions. This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CLEANING – The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

POWER LINES – An outdoor antenna should be located away from power lines.

NONUSE PERIODS – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

OBJECT AND LIQUID ENTRY – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE – The appliance should be serviced by a Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the appliance.
- The appliance has been exposed to rain.
- The appliance does not appear to operate normally or exhibits a marked change in performance.
- The appliance has been dropped or the enclosure damaged.

SERVICING – The user should not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, contact the nearest Pioneer authorized service center.

OUTDOOR ANTENNA GROUNDING – If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.

CART – An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

NEC NATIONAL ELECTRIC CODE

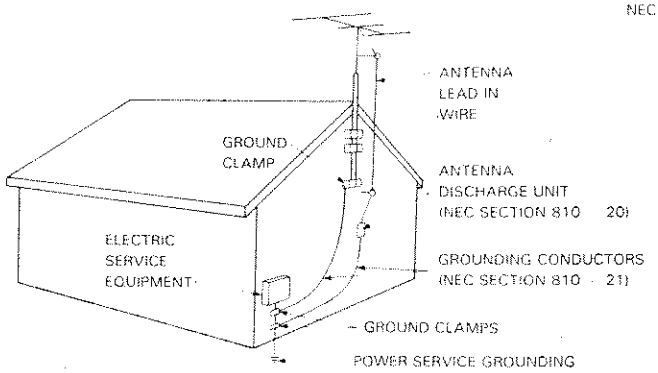

ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810 20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810 21)
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

FIG. A

[FOR EUROPEAN AND U.K. MODELS]

CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

The following caution label appear on your player.

Location: rear of the player

[FOR U.S. MODEL]
CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

INFORMATION TO USER [FOR U.S. MODEL]

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate this equipment with respect to the receiver
- move this equipment away from the receiver
- plug this equipment into a different outlet so that equipment and receiver are on different branch circuits

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

The above instructions apply only to units which will be operated in the United States.

[For Canadian model]

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

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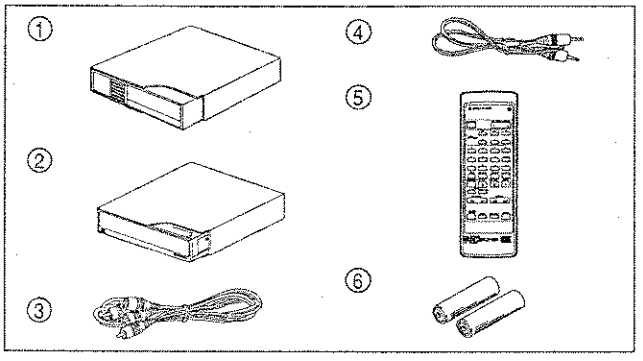
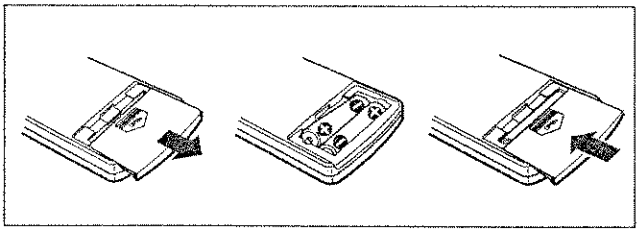
CONFIRM SUPPLIED ACCESSORIES



① 6-Compact Disc Magazine x 1
(Called 6-disc magazine in the explanatory text.)
② Single-Compact Disc Magazine x 1
(Called single-disc magazine in the explanatory text.)
NOTE:
The supplied 6-disc magazine and single-disc magazine are for 12 cm discs only.
③ Output cord x 1
④ Control cord x 1
(PD-M51 and Canadian model of PD-M750 only)
⑤ Remote control unit x 1
⑥ AAA/R03 dry cell batteries x 2

PUT BATTERIES INTO THE REMOTE CONTROL UNIT



Open the lid of the battery compartment on the rear of the remote control unit, and insert the batteries, taking care to align the (+) and (–) polarities correctly.

NOTE:

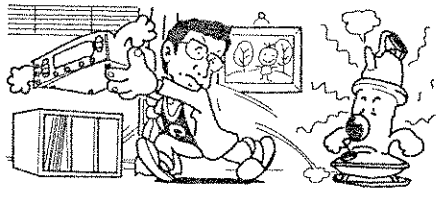
- *In order to prevent battery leakage, remove the batteries when not using the remote control unit for an extended period (one month or more). In the event of battery leakage, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.*
- *Do not allow books or other objects to rest on top of the remote control unit, since the buttons may be depressed, causing faster exhaustion of the batteries.*

Incorrect use of batteries may cause leakage or rupture.
Always be sure to follow these guidelines:
A. Always insert batteries into the battery compartment correctly matching the positive ⊕ and negative ⊖ polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.

CAUTIONS REGARDING HANDLING

Location

Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Also, installation of the player in a damp or dusty environment may result in malfunction or accident. (Also avoid installation near cookers etc., where the player may be exposed to smoke from oil, steam or heat.)

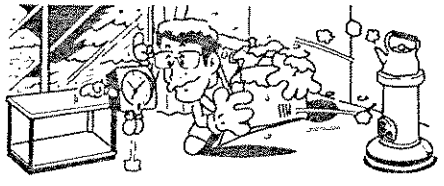


Precautions regarding installation

- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers will affect performance. Avoid placing the player on heat-generating sources.
- Install this compact disc player as far as possible from tuners and TV sets. A compact disc player installed in close proximity to such equipment, may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

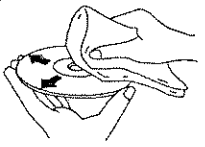
Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

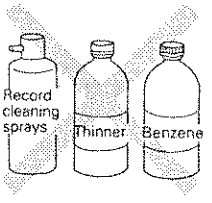


Cleaning discs

- The presence of fingerprints or smudges on the surface of the disc will not directly affect the recorded signals, but depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced, causing degradation of sound quality. Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.



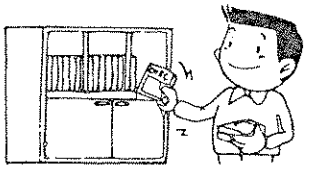
- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.



Storing discs

(Storing without using the 6-disc magazine)

- Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures. Avoid leaving discs in cars, since the seat of a car in direct sunlight can become unbelievably hot.
- Always read and abide by the precautionary notes listed on disc labels.
- When storing the disc, do not leave the disc in the single-disc magazine.



CD lens cleaner

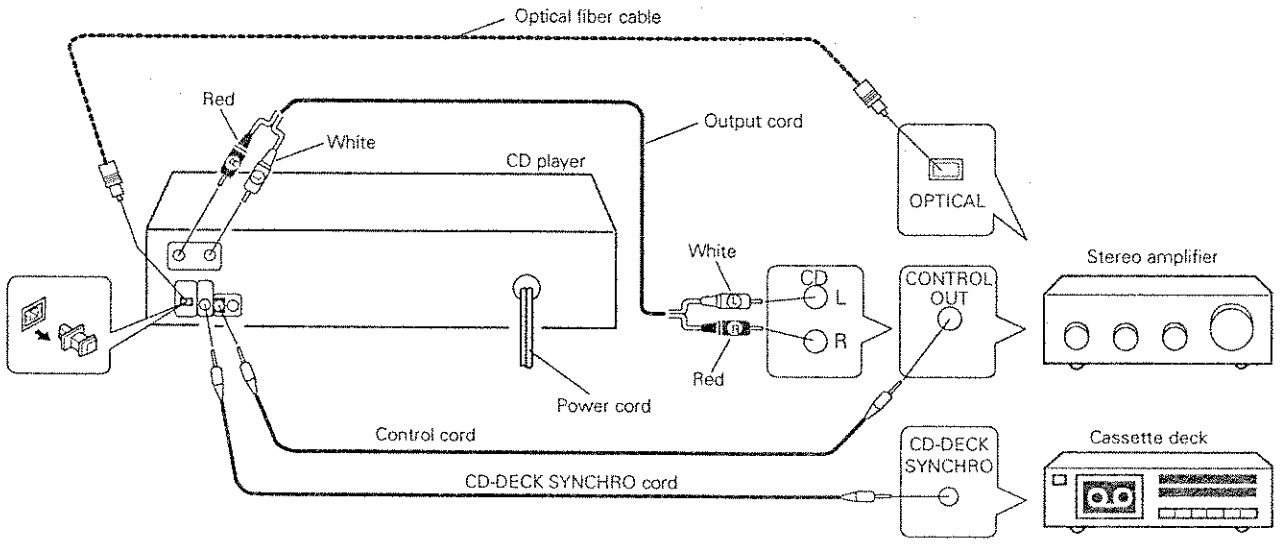
The player's pickup lens should not become dirty in normal use, but is for some reason it should malfunction due to soiling, ask your nearest PIONEER authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use since some may cause damage to the lens.

Cleaning the player and the magazine

To clean the PLAYER and the MAGAZINE wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution, wring well, then wipe off the dirt. Also use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

CONNECTIONS

- Make sure that all of the components are turned off before making connections.



Making connections

1 Connect the OUTPUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.
- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.

2 Connect the power cord to a household AC wall outlet or an AC outlet on your amplifier.
- Make sure plugs are inserted fully into the jacks and wall outlet.

Connecting to an optical digital jack

This unit can be connected to an amplifier equipped with an optical digital jack.

1. Remove the protective dust cap from this unit's OPTICAL DIGITAL OUT jack.
2. Use an optical fiber cable to connect OPTICAL DIGITAL OUT jack of this unit to the optical digital input jack of theamplifier.

- Align the plug of the optical fiber cable with the optical digital jack and fully insert the plug to make a secure connection.

Use a separately sold optical fiber cable for the optical digital jack connections. However, when making optical digital connections, the player can only be connected to an amplifier which uses the same type of optical transmission/reception module.

Precautions concerning use of optical fiber cables

- Fully insert the optical fiber cable plugs all the way into the jacks.
- Be careful not to fold or crimp the cable. When coiling an optical fiber cable for storage, make sure the diameter of the coil is 15 cm (6 in) or larger.
- Use an optical fiber cable with a length of 3 m (9 ft) or less.
- Protect the optical fiber cable plugs form scratches and dust.
- When the unit is not connected using an optical fiber cable, be sure to keep the protective dust cap plugged into the optical digital output jack at all time.

CD-Deck synchro function

If you have a Pioneer cassette deck provided with the CD-Deck synchro function, connect the CD-DECK SYNCHRO jacks of the CD player and cassette deck. With this function, synchro recording can be carried out between player and deck.

- For details on connections and operation, refer to the instruction manual supplied with the cassette deck.
- The CD-DECK SYNCHRO cord is not supplied with the CD player.

NOTE:

When only the digital output is connected, the CD-Deck synchro recording does not function. To operate it, connect the output cord to the stereo amplifier as well as connecting the digital output.

System remote control with a Pioneer stereo amplifier that has the SR mark

(Available with PD-M51 and Canadian model of PD-M750 only)

When a Pioneer stereo amplifier bearing the SR mark is used, connect the CONTROL IN jack on the rear panel of the CD player to the CONTROL OUT jack of the amplifier. This will enable the CD player to be controlled using the remote control unit supplied with the stereo amplifier. If you do not plan to use this feature, it is not necessary to connect CONTROL IN/OUT jacks.

- The control cord is supplied with the CD player.
- The remote control unit supplied with the amplifier can be used to control Play, Stop, Pause, Track/Disc Search and Disc Change operations.
- For instructions regarding connections and operation, refer to the operating instruction manual provided with your stereo amplifier.

NOTES:

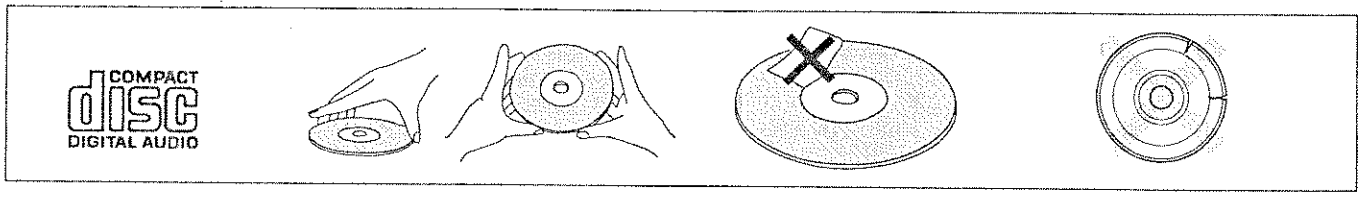
- *When a control cord is connected to the player's CONTROL IN jack, direct control of the player with the remote control unit is not possible. Operate the player with the remote control unit by aiming it at the amplifier.*
- *Be sure to connect both of the control cord's plugs securely to the CONTROL IN and CONTROL OUT terminals. Do not connect only one end of the cord.*
- *When only the optical digital output is connected, the remote sensor of the amplifier does not function. To operate it, connect the output cord to the stereo amplifier as well as connecting the digital output.*
- *Be sure to turn off the power of the amplifier when connecting the power cord and output cord.*

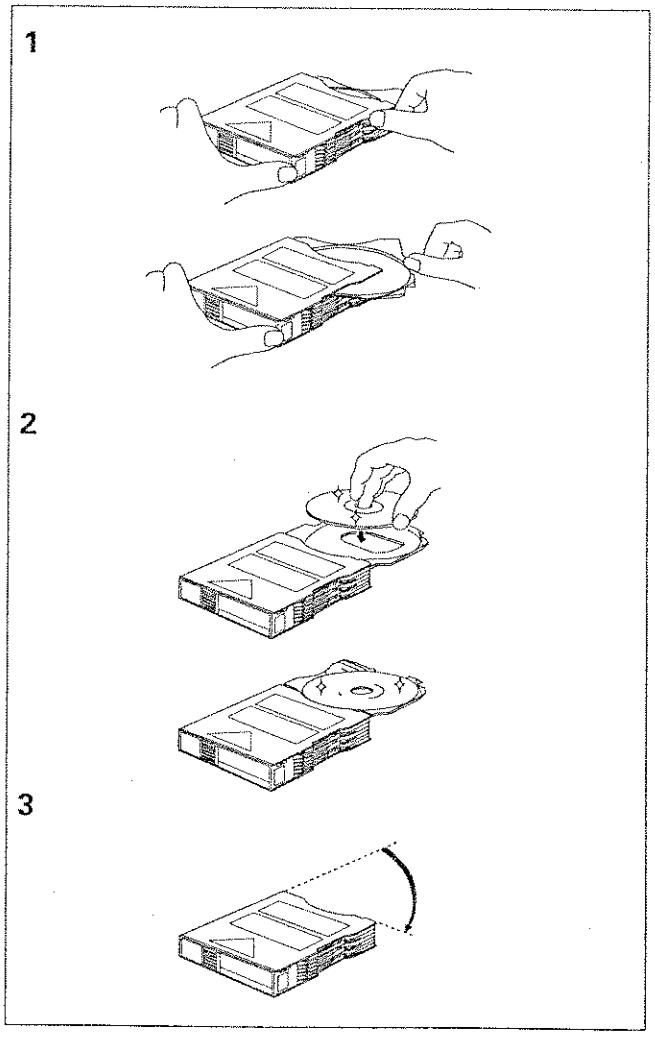
CARE OF DISCS

- With this player, use discs which display the mark shown below. (Optical audio digital discs.)
- When holding discs, do not touch their signal surfaces. Hold by the edges, or by one edge and the center hold.
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

NOTE:

- *In order to play an 8-cm CD you will need a special Multi-Play Magazine (JD-M108, JD-M308) which is sold separately. Be sure to read thoroughly the Operating Instructions before using it.*
- *8-cm CD Adaptors*
  It is possible that even an adaptor which meets recommended standard CD specifications will not be usable with the CD player. It is recommended that the special Multi-Play Magazine (JD-M108, JD-M308) be used.
- *Never load an 8-cm CD or its adaptor into a standard 12-cm magazine. This may seriously damage the CD player.*
- *Do not insert only an 8-cm disc and adaptor into the supplied magazines.*





INSERT DISCS INTO THE 6-DISC MAGAZINE

Insert any discs which you may have into the supplied magazine. Up to six discs may be inserted. The numbering of the discs begins with 1 at the topmost tray, and then increases in order from 2 to 6 for the lower trays. The magazine has a window through which the pulled-out disc tray can be checked. Even during playback, the number of the disc being played back can be checked through this window.

1 Pull out only one disc tray.
2 Position discs with the label side downward.
3 Put the disc tray back as it was originally.
4 Insert other discs by repeating steps 1 to 3.

CAUTION:

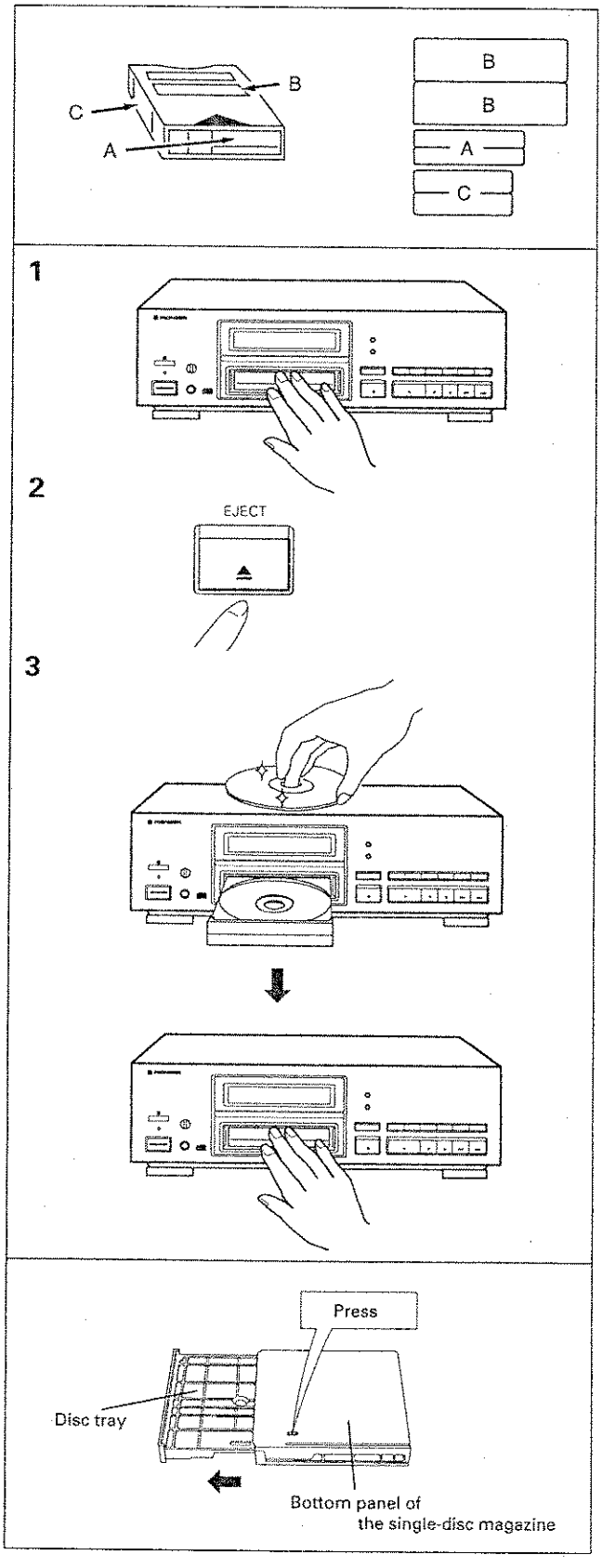
- Please make sure to only pull out one disc tray at a time. (when a disc tray has been pulled out, do not pull out other disc trays.)
- If discs are inserted label side upward, it will not be possible for them to be played. Please make sure to insert them with the label side downward.
- Objects other than discs (song cards, explanations of disc contents, etc.), must never be inserted into the disc trays.
- Do not touch the playing surface of discs (iridescent side) with hands or fingers.

For U.S. customers only

You may purchase additional Pioneer six-compact-disc magazines from your dealer. If however, they are not available at your dealer in the United States, you may order from:

PIONEER ELECTRONICS SERVICE, INC.
2265 East 220th Street
P.O. Box 1760, Long Beach
CA. 90801-1760
U.S.A.
Phone #(800)421-1404

Continue



AFFIXING LABELS TO 6-DISC MAGAZINE

- Always attach the labels provided in the designated locations. Correct operation may not be possible if labels or tape are attached in other locations.
- The following are convenient ways of using labels:
  A: For titles
  B: For disc names
  C: For classification
- Do not attach labels on top of other labels.

Additional magazines identical to the one supplied are available as options (*JD-M100, JD-M200, JD-M300, JD-M108, JD-M308). Please use them to make your own disc library, with separate magazines for each artist or genre.

* JD-M100/JD-M200/JD-M300 ... Magazine for six 12-cm discs
JD-M108 /JD-M308 ..... Magazine for 8-cm discs

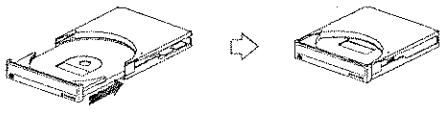
NOTE:
Both 12 cm discs and 8 cm discs cannot be installed together in a magazine.

LOADING A DISC INTO THE SINGLE-DISC MAGAZINE

1 Insert the single-disc magazine without a disc, pushing it in until a click sound is heard.
2 Press EJECT.
3 Place a disc with the label side down and push in the magazine until a click sound is heard.

TO REMOVE THE DISC FROM THE SINGLE-DISC MAGAZINE

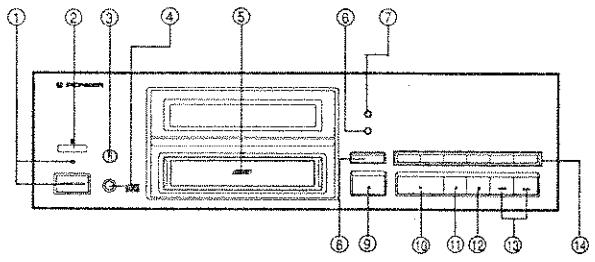
1. After ejecting the single-disc magazine, remove the disc and put it into its case.
2. Remove the magazine by pulling the disc tray toward you and push the disc tray into the magazine.

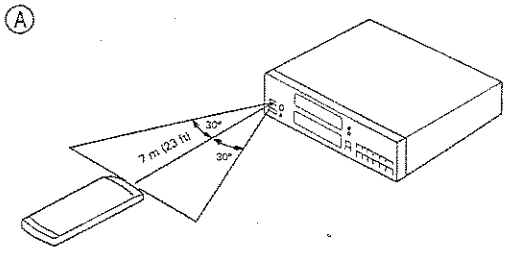


If a disc is still in magazine.
Press the hook on the bottom panel of the single-disc magazine. The disc tray will come out.
Be careful not to drop the disc when the disc tray comes out.

NOTE:
Explanations are given for operations when using the 6-disc magazine, but the operations are the same when using the single-disc magazine. The only difference is that the DISC NUMBER buttons, Disc Hi-Lite scan and Multi-Memory functions cannot be used.

FRONT PANEL





① **POWER STANDBY/ON switch/indicator**
② **Remote sensor**
Receives the signal from the remote control unit.
③ **Headphones volume (PHONES LEVEL)**
④ **Headphones jack (PHONES)**
⑤ **Magazine insertion slot**
⑥ **MUSIC TYPE button**
⑦ **MULTI MEMORY STORE button**
⑧ **RANDOM PLAY button**
⑨ **EJECT button (⏏)**
⑩ **PLAY button and indicator (▶)**
⑪ **PAUSE button and indicator (⏸)**
⑫ **STOP button (■)**
⑬ **TRACK search buttons (⏮/⏭)**
⑭ **DISC NUMBER buttons (DISC 1 - DISC 6)**

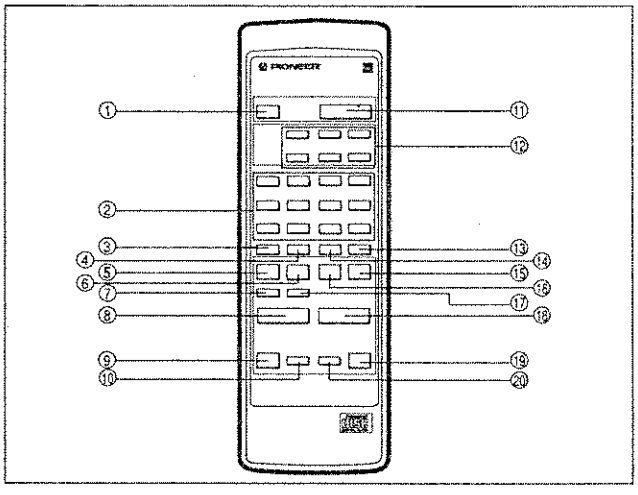
Ⓐ REMOTE CONTROL OPERATIONS

When operating the remote control unit, point the unit's infrared signal transmitter at the remote control receiver (REMOTE SENSOR) on the front panel of the player. The remote control unit can be used within a range of about 7 meters (23 feet) from the remote sensor, and within angles of up to about 30 degrees.

NOTE:

- *If the remote control sensor window is in a position where it receives strong light such as sunlight or fluorescent light, control may not be possible.*

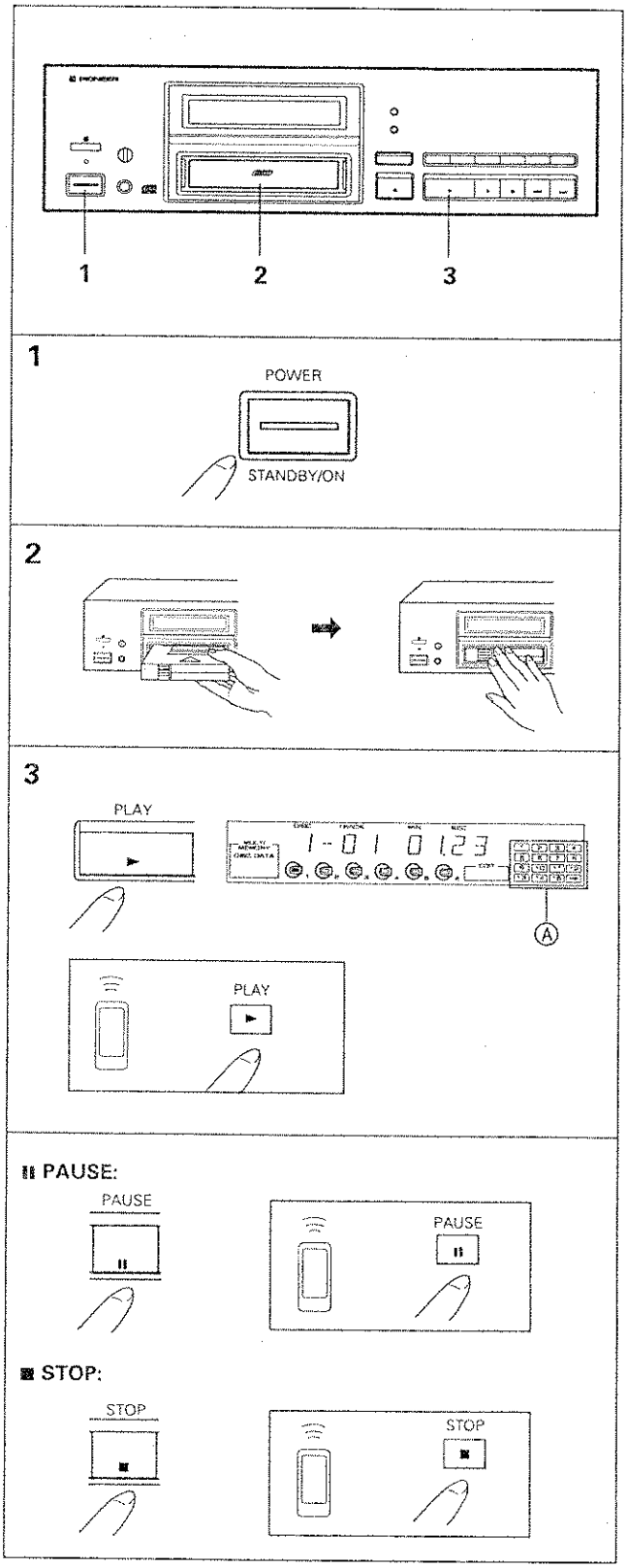
REMOTE CONTROL UNIT



Remote control buttons with the same names or marks as buttons on the front panel of the player control the same operations as the corresponding front panel buttons.

① **POWER button**
② **Track number/Digit buttons (1-10, +10, ≧20)**
③ **PGM (program) button**
④ **CHECK button**
⑤ **RANDOM play button**
⑥ **STOP button (■)**
⑦ **COMPU EDIT button**
⑧ **MANUAL search button (◀◀ / ▶▶)**
⑨ **HI-LITE scan button**
⑩ **TIME button**
⑪ **OUTPUT LEVEL button (+/–)**
⑫ **DISC NUMBER buttons (1 - 6)**
⑬ **DELETE button**
⑭ **CLEAR button**
⑮ **PLAY button (▶)**
⑯ **PAUSE button (⏸)**
⑰ **TIME FADE EDIT button**
⑱ **TRACK search button (⏮ / ⏭)**
⑲ **ADLC button**
⑳ **REPEAT button**

BASIC OPERATION



Operations indicated by the [ ] mark are performed with the remote control unit.

To play a compact disc

1 Turn on the power to the player.

2 Insert a magazine, pushing it in until a click sound is heard.

- When the power is turned off, inserting a magazine automatically turns on the power (Auto Power ON function).
- The DISC DATA indicator will blink. The information for playback of 1st disc is read to be stored in multi-memory. The DISC DATA indicator will light up.
- For the disc whose music type (page 20) is already stored, the disc is identified and the music type is displayed.
- Insert the discs to be played into the magazine beforehand. (Refer to "BEFORE OPERATING THE PLAYER")

3 Press PLAY to start playback.

Ⓐ **Music calendar**
All of the tracks numbers on the disc being played light up. After a track is finished playing, the corresponding number goes out.

To pause playback temporarily:

Press PAUSE. The Ⅱ indicator lights and playback is paused at that point.
Pressing PAUSE again or PLAY resumes playback from the position where pause mode was entered.

To stop playback:

Press STOP. The player enters stop mode for Last address play.

To stop playback and take out the magazine

Press EJECT, remove the magazine, and then press POWER to turn off the power.

- When the EJECT is pressed even in power off (standby) mode, the magazine is ejected (Power Down Eject function).

Cautions regarding handling of magazines

- When inserting a magazine into the player, make sure that the direction of insertion is correct.
- After use, store in the case provided. Do not place in locations subjected to high temperatures or exposed to direct sunlight.
- Do not take magazines apart.
- Be careful not to drop, or hit magazines against things. Also do not apply strong force to trays which have been withdrawn.
- Application of benzene, thinner, insecticide or other volatile liquids to a magazine may damage the surface, so keep magazines away from such substances.

CAUTION:

- Do not unplug the power cord or do not turn off the power with an audio timer during playback, as this could result in damage to the disc.
- Do not turn off the power when the DISC DATA indicator blinks. The contents of the Multi-Memory may be erased.

NOTE:

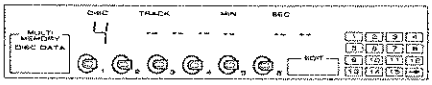
Demo mode allows you to see variation of the display. To enter the demo mode, press POWER and then ⏮ within 1 second without inserting the magazine. To exit demo mode, insert the magazine or press any button.

Continue

Timer playback
By using a commercially available audio timer, it is possible to initiate playback at any time automatically.
1. Insert a magazine into the magazine slot.
2. Set the time at which you wish playback to begin. The timer will supply power to both the amplifier and the player at the preset time, turning all the components on and initiating the playback mode. Playback starts from the first track on the first disc.

- When Multi Program Memory (or Multi Delete Memory) is activated, the player enters corresponding program playback mode at the preset time.
- Timer setting should be set while the power is turned on. If the timer is set while the power is turned off, timer playback cannot be carried out.

Last address playback
When STOP is pressed or the power is turned off, the player memorizes the point at which playback was stopped. Therefore, playback can be resumed at that point.
1. When STOP is pressed during normal playback, the player enters standby mode for Last address playback. (Even when the power is turned off, the player enters this mode.)



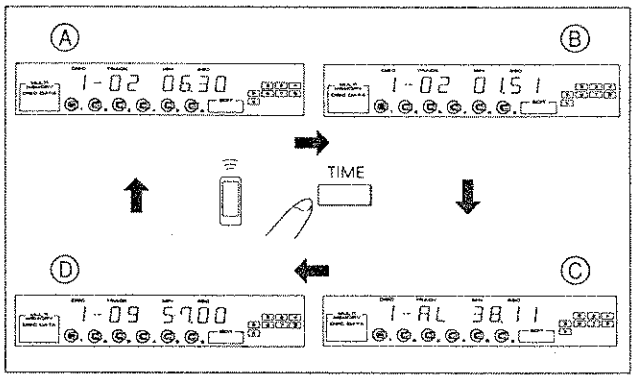
2. Press PLAY. Playback starts with fade-in from the nearby point at which playback was stopped. (When the power is turned off, turn on the power, and then press PLAY.)

NOTE:
- *If the play stops at the beginning or end of the track, the play sometimes starts from the different track.*

To cancel standby mode for Last address playback:
Press STOP twice. The player returns to the beginning of the first track on the disc at which playback was stopped.

Time display

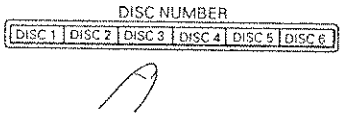
During playback, pressing the TIME button changes the time display in the following sequence: Ⓐ Time (elapsed playback time of the track being played) → Ⓑ Remain (remaining playback time of the track being played) → Ⓒ AL Remain (remaining playback time from the playing point to the end of the disc being played) → Ⓓ Total (total playback time of the disc).
- With track No. 24 or more, Remain time Ⓑ cannot be displayed.
- During random playback or delete random playback, PROGRAM playback or DELETE playback, AL Remain time Ⓒ cannot be displayed.
- During Program playback, the number of program steps can be displayed with the Total setting Ⓓ.

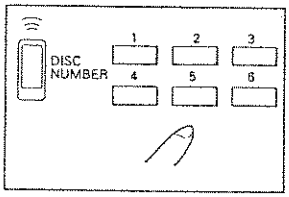


VARIOUS OPERATIONS

Disc search - To search for a particular disc

During playback or stop mode





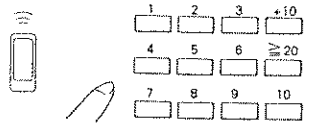
The player searches for the specified disc and playback starts from the beginning of that disc.

NOTES:

- *If the disc number of a tray which does not contain a disc (disc symbol indicator is not lit) is selected, "NO DISC" appears on the display and playback cannot start from that disc number.*

Track search - To search for a particular track

During playback or stop mode



To search for track No. from 1 to 10, simply press the corresponding digit buttons ([1] – [10]). To search for track No. 11 or above, use [+10]. To search for track No. 20 or above, use [≧20].

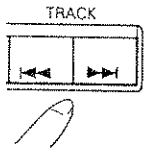
Example To enter track No. 17: [+10], [7]
To enter track No. 23: [≧20], [2], [3]
To enter track No. 30: [≧20], [3], [10]

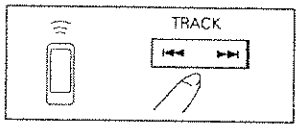
- When entering 20 or above, [10] functions as 0.
- When [+10] or [≧20] is pressed, the digit button to be next entered should be pressed within 5 seconds.

NOTE:

- *During program playback, the Track number buttons cannot be operated.*

During playback or pause mode





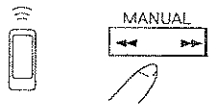
When ▶▶| is pressed once, playback advances to the beginning of the next track. When this button is kept pressed, playback advances to successive tracks on the disc.
When |◀◀ is pressed once, playback returns to the beginning of the track being played. When this button is kept pressed, playback returns to earlier tracks on the disc.

NOTES:

- *During normal playback, Track Search can be carried out on one disc only.*
- *During program playback, the |◀◀ or ▶▶| button can be used to select the programmed track.*

Manual search - To search for a particular passage

During playback or pause mode

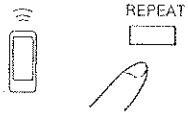


While ▶▶ is kept pressed, playback rapidly advances toward the end of the disc. When playback reaches the end of the disc, the player enters pause mode and "End" is displayed. While ◀◀ is kept pressed, playback rapidly reverses toward the beginning of the disc.
When the desired passage is reached, release ▶▶ or ◀◀. The player enters original mode (playback or pause) where ▶▶ or ◀◀ is released.

NOTES:

- *During normal playback, Manual Search can be carried out on one disc only.*
- *During program playback, Manual Search can be carried out in one program step only.*

To repeat playback (repeat play)

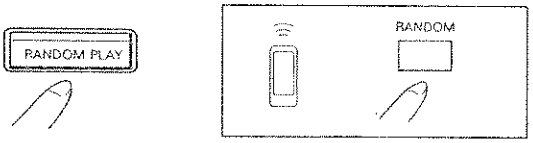


To repeatedly play the displayed track, press REPEAT once. The 1– REPEAT indicator lights. The REPEAT button can be pressed in any playback mode.
To repeatedly play all tracks on all of the discs in normal playback mode or in the specified playback mode (Program playback, Delete program playback or Random playback), press REPEAT twice. The REPEAT indicator lights.

- To exit repeat mode, press REPEAT so that the 1– REPEAT or REPEAT indicator goes off.

Continue

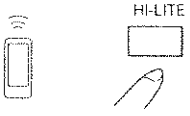
Random playback - To play all tracks in random order



The RANDOM indicator lights and all tracks on all discs are played in a random order.
To play tracks other than the deleted tracks in a random order, press RANDOM PLAY after carrying out the Delete Program procedure. See the "Delete Program Playback" section.

Magazine Hi-Lite Scan

During stop mode



When HI-LITE scan is pressed once during stop mode, playback starts from a point 1 minute after the beginning of the first track, and the first track of each disc is played for about 10 seconds. The DISC SCAN indicator is lit during Disc Scan mode. After the first tracks of all discs are scanned, the player enters stop mode.

When HI-LITE scan is pressed twice during stop mode, playback starts from a point 1 minute after the beginning of the track, and each track is played for about 10 seconds. The SCAN indicator is lit during Track Scan mode. After all tracks of all discs are scanned, the player enters stop mode.

To exit Magazine Hi-Lite Scan mode
Press ■, ►, DISC NUMBER (DISC1 - DISC6) or track number (1 - 10, +10, ≧20). When ► is pressed, normal playback starts from the current point. When DISC NUMBER or track number is pressed, the selected disc or track is played from the beginning.

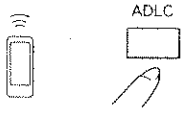
NOTES:
- *Hi-Lite Scan can be carried out from the desired elapsed time of the track. During playback, press HI-LITE scan at the point you want to start Hi-Lite Scan playback. The player memorizes the minute and second of the point and Track Hi-Lite Scan playback is carried out from the memorized minute and second on each track.*
- *Each time HI-LITE is pressed, the mode switches between Disc Scan and Track Scan.*
- *Programming of only desired tracks is possible during Track Hi-Lite Scan playback. See "Direct program".*
- *During Track Hi-Lite Scan playback, you can skip to the desired track with ⏮ or ⏭.*
- *When REPEAT is pressed, Hi-Lite Scan playback will be repeated.*
- *When playback time of a track is less than one minute or is shorter than memorized time, HI-LITE Scan playback is carried out from the beginning of the track for about 10 seconds.*
  When playback time of a track is less than 10 seconds, the track is played from the beginning of the end.

Adjusting the sound volume

Press OUTPUT LEVEL "–" or "+" to adjust the output level. The output level can be adjusted between 0 dB and –25 dB in steps of 1 dB.
- The ATT display shows the selected level.
- The output level at the OUTPUT jacks and PHONES jack will be adjusted simultaneously.
- The setting of the OUTPUT LEVEL button is not erased even when the power is turned off.
- The output level at the OPTICAL DIGITAL OUT jack cannot be adjusted with the OUTPUT LEVEL control.

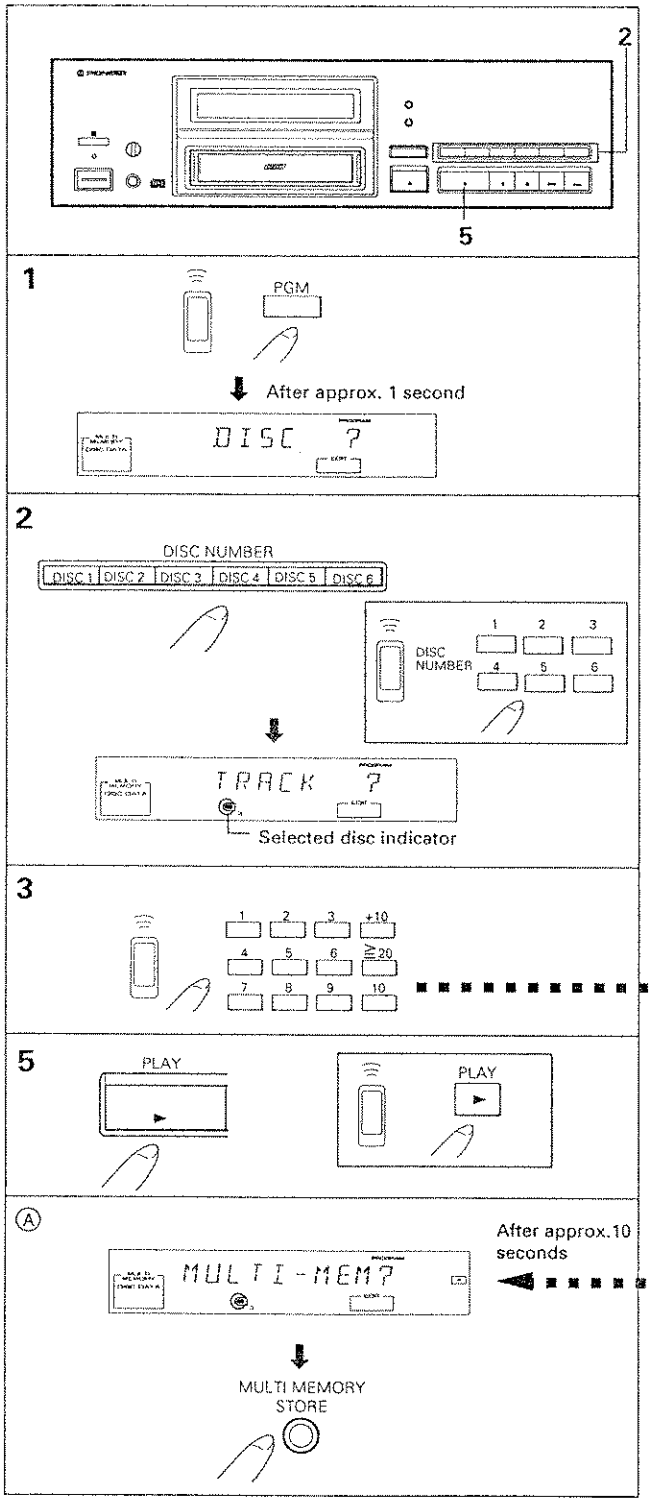
ADLC (Automatic Digital Level Controller)

When the difference of recording level between discs is noticeable, the volume level should be adjusted for each disc, especially during program playback or random playback whose tracks are selected between 2 discs or more. In such cases, pressing ADLC automatically sets the output level to the proper level. When ADLC is turned on, the ADLC indicator lights.
- To turn off ADLC, press ADLC so that the ADLC indicator goes off.
- With some selections, sound becomes unnatural. In such case, turn off ADLC.



NOTES:
- *The setting of the OUTPUT LEVEL button is canceled when ADLC is turned on.*
- *When ADLC is turned on, the OUTPUT LEVEL button cannot be operated.*
- *When using the OPTICAL DIGITAL OUT jack, ADLC does not function.*

TO PLAY ONLY DESIRED TRACKS/DISCS



Ⓐ To store the program in multi-memory

Wait for about 10 seconds after programming. "MULTI-MEM?" appears on the display. When you want to immediately store the program in multi-memory, press MULTI MEMORY STORE.

- You can also store the program in multi-memory after program playback. See "MULTI-MEMORY".

Program playback - To program tracks/discs in desired order

Only during stop mode, Disc programming is possible. Also, the dialog display appears in each step to facilitate programming.
Track programming is possible during stop or playback mode. However, TRACK ⏮ or ⏭ cannot be used to select tracks during playback mode. Select stop mode or playback mode before programming.

1 Press PGM.

- "DISC?" appears on the display.

2 Press the DISC NUMBER button which contains the track to be programmed.

To program entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 4. Make sure that the player is in stop mode for Disc programming.

- When DISC NUMBER is pressed, "TRACK?" (all tracks) appears on the display.

3 Enter the track No. to be programmed with the Track number/Digit buttons.

Only during stop mode, you can use TRACK ⏮ or ⏭ button. After selecting the track No., be sure to press PGM.

4 Repeat steps 2 and 3 for other tracks to be programmed.

5 Press PLAY.

The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

To stop Program playback, press STOP.

- Programs containing up to 40 steps can be created.
- To go to the previous or next step in a program, press ⏮ or ⏭.
- To enter track No. 11 or above with the Track number/Digit buttons, see "Track Search" on page 12.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off.

NOTE:
During Delete programming or Time fade editing the PGM button cannot be operated.

Direct program

During normal playback or Track Hi-Lite Scan playback, the track being played can be programmed.

1. During playback, press PGM.
2. Whenever a track to be programmed is played, press PGM. You can repeat step 2 until up to 40 steps are programmed.
3. After programming, press ▶. The current playback is cleared and the tracks are played in the programmed order.

- Direct programming is not possible during program playback.

Continue

Programming a pause

Inserting a pause in your program can be very useful when carrying out recording. Press PAUSE instead of entering a track number. "PA" appears on the display panel.

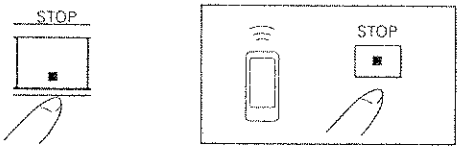
- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press PAUSE.

Notes:

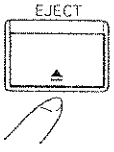
- *A pause can be programmed only when the program procedure is performed under stop mode.*
- *A pause cannot be programmed at the beginning of a program (P-01), and two pauses cannot be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*

To clear all of the program contents

Ⓐ :

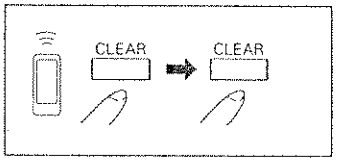


Ⓑ :



Ⓐ During stop mode, press STOP.
Ⓑ When the magazine is ejected, the program contents will be cleared.

To erase a program

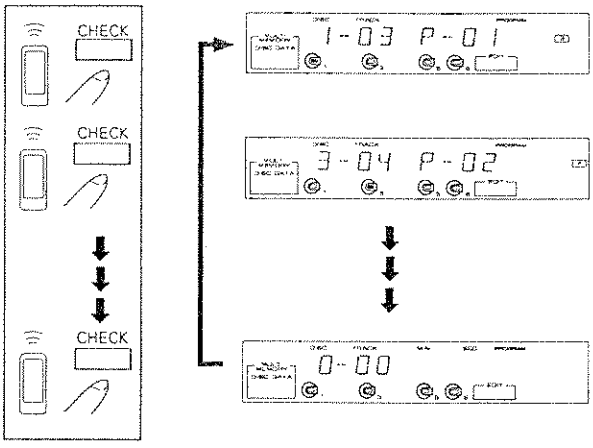


During program mode, press CLEAR.
The last program step is erased and the contents of the previous program step are displayed.

NOTE:

Contents of a program can be erased during playback as well. However, tracks preceding the currently playing track cannot be erased in this way.

To check the program contents

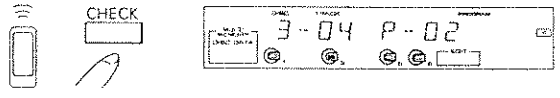


During program mode, set the player to stop mode and press CHECK. The program contents will be displayed in the programmed order.

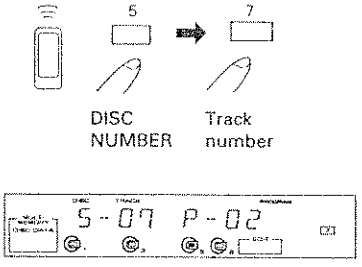
- After confirming the last program step, the display will show "0-00".

To modify the program contents

1



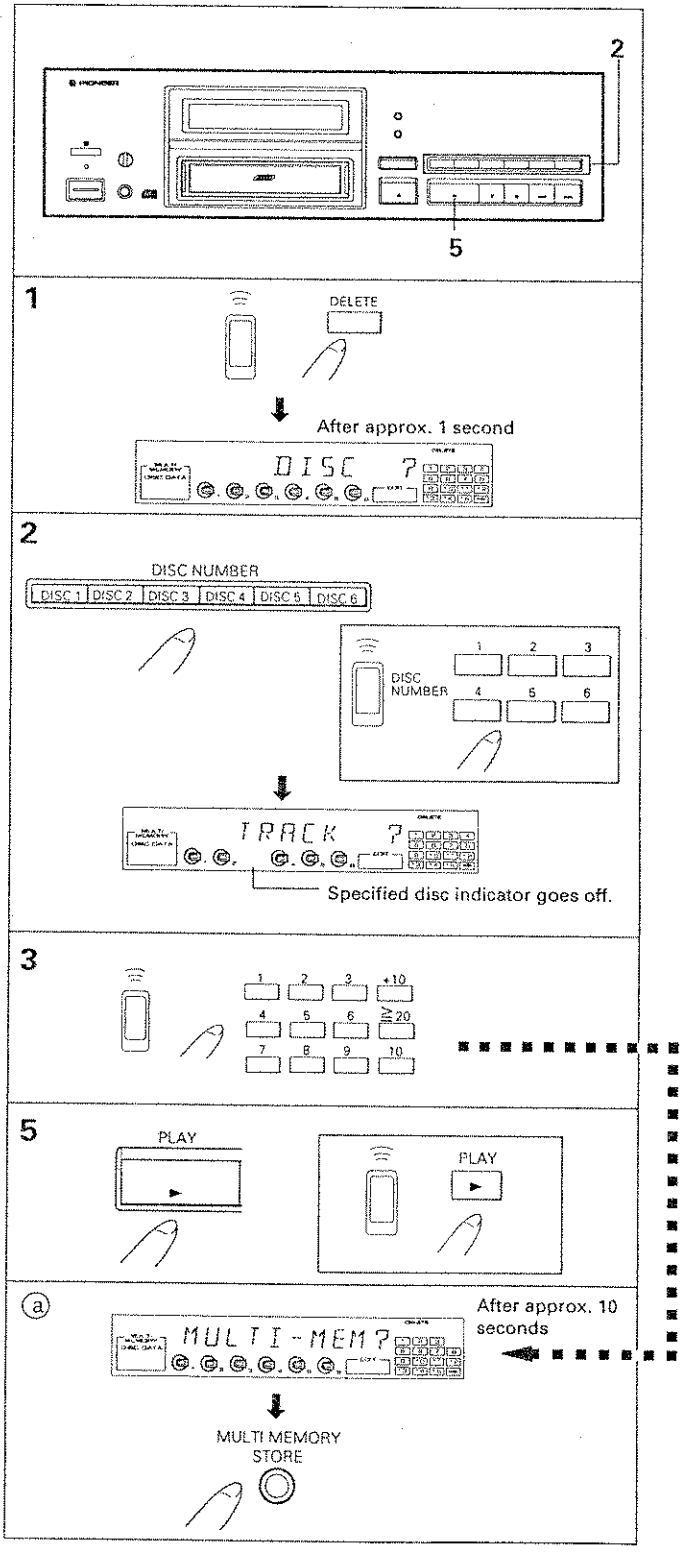
2



1. During program mode, set the player to stop mode and press CHECK so that the program step to be corrected appears on the display.
2. To correct the disc No., enter the new disc No. with the DISC NUMBER buttons. To correct the track No., enter the new track No. with the Track number/Digit buttons. For example, the programmed track No. 4 on the disc No. 3 is changed to track No. 7 on the disc No. 5, using the DISC NUMBER 5 and Track number 7 buttons.

- Repeat steps 1 and 2 to change other tracks as desired.
- To correct the track No., you can use TRACK ⏮ or ⏭ button. After selecting the track No., be sure to press PGM.

Continue



ⓐ To store the program in multi-memory

Wait for about 10 seconds after programming. "MULTI-MEM?" appears on the display. When you want to immediately store the delete program in multi-memory, press MULTI MEMORY STORE.

- You can also store the delete program in multi-memory after delete program playback. See "MULTI-MEMORY".

Delete program playback - To delete undesired tracks/discs

1 During stop mode, press DELETE.

- "DISC?" appears on the display.

2 Press the DISC NUMBER button which contains the track to be deleted.

To delete entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 4.

- When DISC NUMBER is pressed, "TRACK?" appears on the display.

3 Enter the track No. to be deleted with the Track number/Digit buttons.

You can use TRACK ⏮ or ⏭ button to enter the track No. Be sure to press DELETE after selecting the track No.

4 Repeat steps 2 and 3 for other tracks to be deleted.

5 Press PLAY.

All tracks other than deleted tracks/discs are played in the order of the disc and track numbers. When tracks have been played, the player enters stop mode.

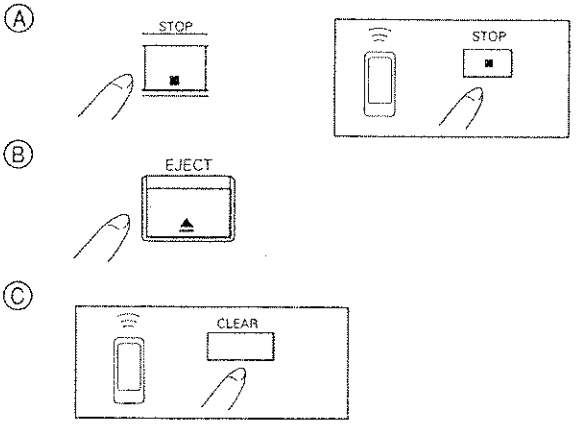
To stop Delete program playback, press STOP.

- To enter track No. 11 or above with the Track Number/Digit buttons, see "Track Search" on page 12.
- Track No. 33 or above cannot be deleted.
- To go to the previous or next disc/track other than the deleted disc/track, press ⏮ or ⏭.
- The DISC NUMBER button or Track Number button can be used to play the disc or track other than the deleted disc or track.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off.

NOTE:

After programming for Program playback or during Program playback mode, Delete programming can not be carried out.

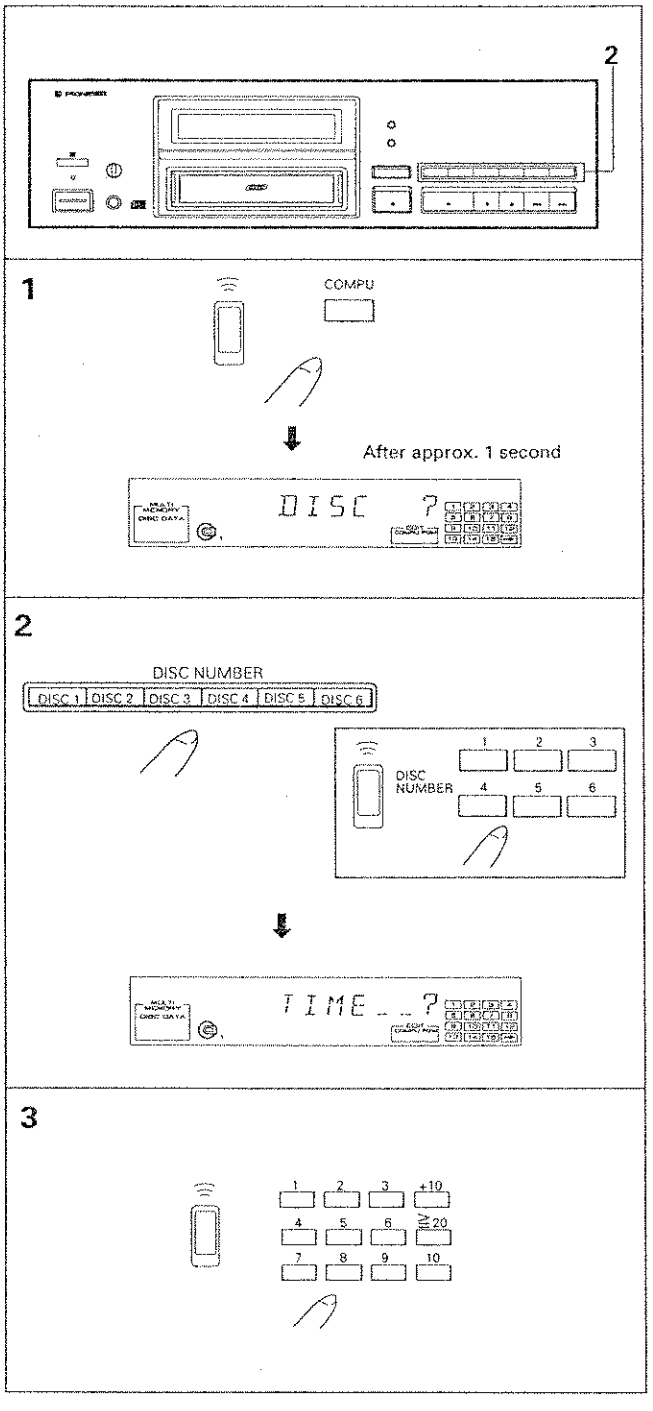
To clear all of the delete program contents



Ⓐ During stop mode, press STOP.

Ⓑ When the magazine is ejected, the program contents will be cleared.

Ⓒ Press CLEAR during stop mode or play mode. When CLEAR is pressed during Delete Program playback mode, the player enters normal playback mode.



Compu program editing (Computer allocated program editing)

Tracks are selected for both sides of the tape.

1 During stop mode, press COMPU EDIT.

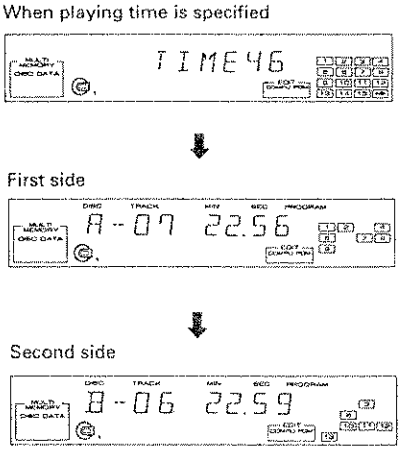
2 Select the disc No. with the DISC NUMBER button.

3 Enter the tape playing time in minutes with digit buttons (1 – 10).

Press the 10's digit button and 1's digit button sequentially. (To enter 9 minutes or less, press 10 and then the corresponding digit button.) For example, to enter 46 minutes, press 4 and 6 sequentially.

The displayed time is memorized. The player now programs the tracks for the first side of the tape within half the selected playing time, programs a pause, and then programs the tracks for the second side of the tape within half the selected playing time. After the programming is completed, the display shows the number of the programmed tracks and total playing time, and the music calendar shows the programmed track numbers.

Example: The tape playing time 46 minutes is selected.

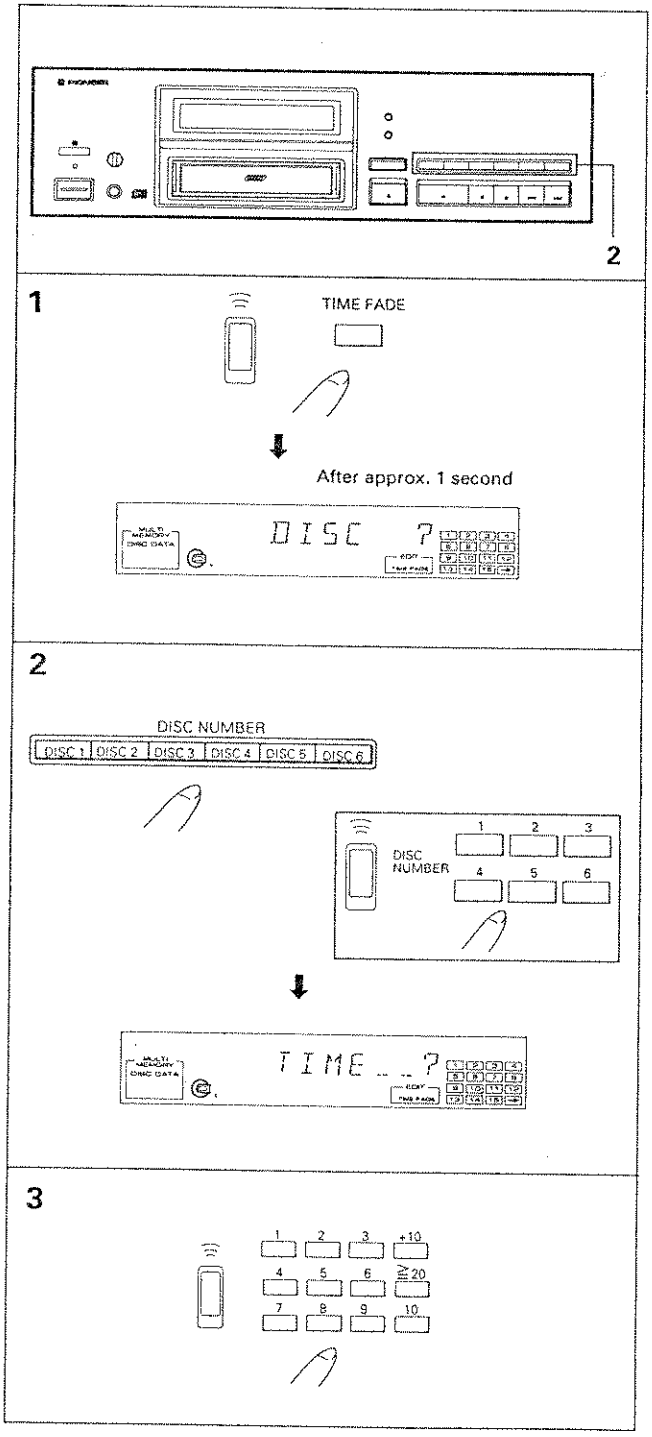


- Instead of the digit buttons, ⏮ or ⏭ can be used to select the tape playing time. Each time ⏭ is pressed, the time will be changed in the following sequence: 46 → 54 → 60 → 74 → 90 (minutes). With ⏮, the time will be changed in the reverse direction. After the time is selected, be sure to press COMPU EDIT.

NOTES:

- *Up to 24 steps can be programmed.*
- *With discs contained 24 tracks or more, programming may not be correctly performed.*
- *If the selected time is too short for any track to be programmed, programming cannot be performed.*
- *If you wish to enter the time with the digit buttons after the time is already entered with ⏮ or ⏭ in step 3, press +10 or ≧ 20. The digit buttons can now be operated.*
- *If the magazine is in the player, the contents of the Compu program edit is not cleared even when the power is turned off.*

Continue



Time fade editing

Tracks are selected within the specified time and playback pauses with a fade-out.

1 During stop mode, press TIME FADE EDIT.

2 Select the disc No. with the DISC NUMBER button.

3 Enter the playing time in minutes with digit buttons (1 – 10).

Press the 10's digit button and 1's digit button sequentially. (To enter 9 minutes or less, press 10 and then the corresponding digit button.) For example, to enter 23 minutes, press 2 and 3 sequentially.

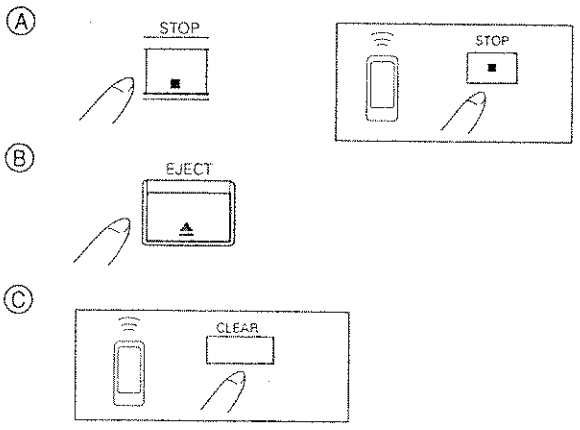
The displayed time is memorized. The player programs the tracks within the selected playing time.

- Instead of the digit buttons, ⏮ or ⏭ can be used to select the tape playing time. Each time ⏭ is pressed, the time will be changed in the following sequence: 23 → 27 → 30 → 37 → 45 (minutes). With ⏮, the time will be changed in the reverse direction. After the time is selected, be sure to press TIME FADE EDIT.

NOTES:

- *If Random playback, Track Search or Disc Search is done during Time Fade Editing play, Time Fade Editing will be cleared.*
- *During Time Fade operation, programming for Program Playback/ Delete Program Playback cannot be carried out.*
- *If you wish to enter the time with the digit buttons after the time is already entered with ⏮ or ⏭ in step 3, press +10 or ≧20. The digit buttons can now be operated.*
- *The time fade contents are not cleared even when the power is turned off.*

To clear the time fade contents



Ⓐ During stop mode, press STOP.

Ⓑ When the magazine is ejected, the Time Fade contents will be cleared.

Ⓒ Press CLEAR during stop mode or play mode. When CLEAR is pressed during Time Fade playback mode, the player enters normal playback mode.

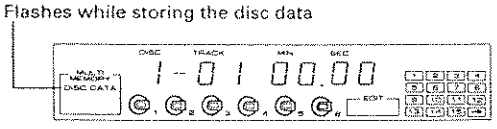
- Multi-Memory function cannot be carried out with the single disc magazine.

Multi-Memory function can store the program and/or music type of the magazine with disc* data.
Once a program and/or music type is stored in the memory, the program and/or music type will be recalled whenever the magazine is inserted. Up to 40 program steps for a magazine, and up to 32 delete programs (tracks) for a disc can be stored in Multi-Memory.

* Every CD disc is provided with a section called TOC (Table Of Contents) at the beginning of the disc. The TOC section is just like the table of contents (number of tracks, playing time, etc.) of the disc.

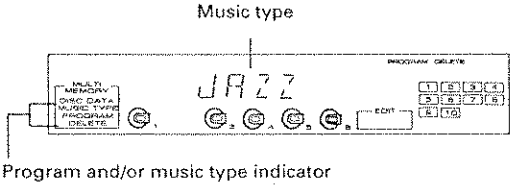
Disc data memory

After a magazine is inserted, the player reads disc data of the first disc and stores the disc data.



For remaining discs, the player reads their disc data when the disc starts playback.
Once the disc data are stored in the memory, the disc data will be recalled whenever the same magazine is inserted, and the display shows the total track numbers and total playing time of each disc for about 2 seconds in the order of the disc numbers.

- When the Program or Delete Program and/or Music Type of the magazine is already stored in Multi-Memory, the corresponding indicator lights.



NOTE

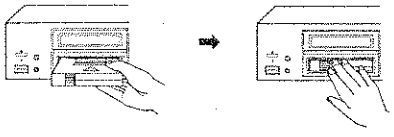
When using less than 6 discs, be sure to insert disc No.1 into the magazine. Otherwise, the Multi-Memory function cannot be carried out.

To correct the disc data

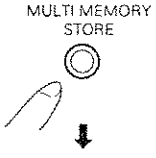
When replacing, adding or removing a disc (No.2 - No.6 only) from the magazine whose disc data are already stored in Multi-Memory, insert the magazine in the player and starts playback. The player clears the previous disc data and stores new one in the memory when a change is detected. In this case, disc No. 1 cannot be replaced, added or removed.

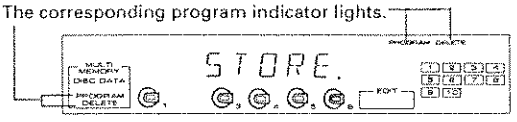
To store program/delete program in multi-memory

1



2





1. Insert the 6 disc magazine, and perform a program. (See "Program Playback" and "Delete Program Playback".)
2. Press MULTI MEMORY STORE.
   The MULTI MEMORY PROGRAM or DELETE indicator lights, "STORE" appears on the display and the program can be now stored.
   Whenever the magazine which contains the same discs in the same order is inserted, pressing PLAY initiates playback according to the stored program.

- The program can be stored only when the player is in stop mode.
- In step 1, programming is possible without magazine. After programming, insert the magazine.

To play discs without Program Memory:

After inserting the magazine, press STOP. The player exits Multi-Memory mode and any playback mode can be selected.

To store new program:

After the magazine is inserted, press STOP and store the new program. The program previously stored will be erased.

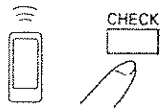
NOTE

- *The contents of the Multi-Memory are stored for about 1 month even when the power cord is unplugged.*
- *If the contents of the Multi-Memory are erased, "ALL CLEAR" will appear on the display.*

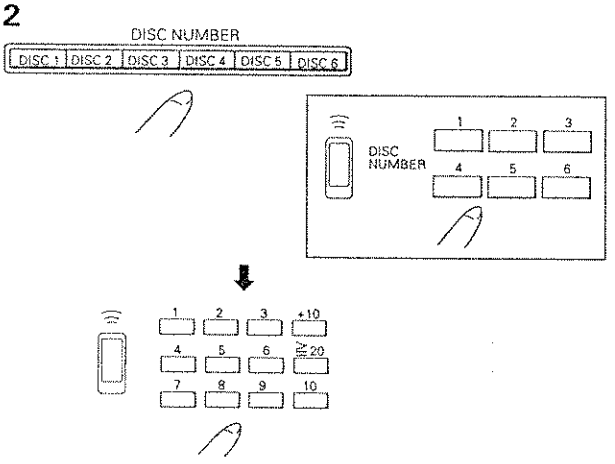
Continue

To modify the program contents stored in multi-memory

1



2

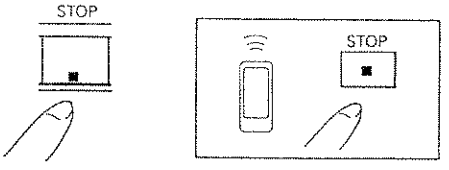


3

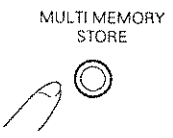
1. After the magazine is inserted, press CHECK so that the program contents to be corrected appear on the display.
2. Enter the desired disc No. and track No.
3. Press MULTI MEMORY STORE.

To clear the program /delete program in multi-memory

1



2

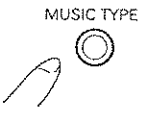


1. After the magazine is inserted, press STOP.
2. Press MULTI MEMORY STORE.

To store the music type of the magazine

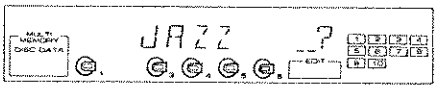
You can name the magazine according to the type of music and store in memory.

1



2

1. After the magazine is inserted, press MUSIC TYPE. Each time MUSIC TYPE is pressed, the music type is displayed in the following sequence: POP → ROCK → JAZZ → DANCE → CLASSIC → COUNTRY → NEW AGE → R AND B → OTHER → no name.
   Example: To select "JAZZ", press MUSIC TYPE three times.



2. Press MULTI MEMORY STORE. The selected music type is stored in memory.

To number the music type

You can number (1 - 9) the selected music type, for example, "ROCK 1, 2, 3, ...", "DANCE 1, 2, 3, ...", etc. After selecting the music type, press [1] - [9]. The numbered music type is stored in memory.

To erase the music type

Press the MUSIC TYPE so that no music type appears on the window, and then press MULTI MEMORY STORE.

If the multi-memory is filled

Up to 20 magazines can be stored in Multi-Memory.

- If the disc data are already stored for 20 magazines, storing a disc data for new magazine erases the oldest magazine having only disc data from the Multi-Memory.
- When the programs are already stored for 20 magazines, storing a disc data for new magazine erases the data of the oldest magazine.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Probable cause	Remedy
Magazine is not expelled when EJECT button is pressed.	• Power plug is disconnected from outlet.	• Connect plug to amplifier or wall outlet.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Smudged on the disc, etc.	• Load the disc correctly with the label side DOWN. • Clean the smudges from the disc and then play it again.
No sound	• Output cords are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press the PLAY button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean disc.
The picture of the TV screen is fluctuated or FM broadcast is interfered with noise.	• Interference is being picked up from the CD player.	• Turn off POWER of the player, or move the player away from TV or tuner.
Remote control will not function.	• Dead batteries. • Too far from player or wrong angle. • Obstruction between player and remote control unit.	• Replace batteries. • The distance between remote control unit and player should be no more than about 7 meters. The operational angle against the front panel is within 30° from right or left end of player. • Relocate remote control unit or remove obstruction.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements
European models ..... AC 220 - 230 V, 50/60 Hz
U.K., Australian models ..... AC 230 - 240 V, 50/60 Hz
U.S., Canadian models ..... AC 120 V, 60 Hz
Other models ..... AC 110/120 - 127/220/240V (switchable) 50/60 Hz
Power consumption 19W
Operating temperature ..... +5°C - +35°C (+41°F - +95°F)
Weight ..... 6.3 kg (13 lb, 14 oz)
External dimensions ..... 420(W) X 328(D) X 130(H) mm 16-9/16(W) X12-15/16(D) X 5-2/16(H) in

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio ..... 110 dB or more (EIAJ)
Dynamic range ..... 98 dB or more (EIAJ)
Channel separation ..... 105 dB or more (EIAJ)
Harmonic distortion ..... 0.002 % or less (EIAJ)
Output voltage ..... 2.0 V
Wow and flutter ..... less than ±0.001% (W.PEAK) (below measurable level) (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output
Digital optical output
Headphone jack with volume control
Control input/output jacks (Equipped with PD-M51 and Canadian models of PD-M750 only)
CD-DECK SYNCHRO jack

4. Functions

Number of discs to be stored - maximum 6.

Basic Operation Buttons
- PLAY, PAUSE, STOP

Search Function
- Disc Search
- Track Search
- Manual Search

Programming
- Maximum 40 steps
- Pause
- Program Check/Correction (remote control unit)
- Program Clear (single track or all tracks)
- Delete Play

Repeat Functions
- 1 Track Repeat
- All Discs Repeat
- Program Repeat
- Random Play Repeat
- Delete Play Repeat
- Delete Random Play Repeat
- Magazine Hi-Lite Scan Repeat

Random Play
- Random Play (repeat also available)
- Delete Random Play (repeat also available)

Switching Display
Time consumed, remaining time (track/disc), and total time

Timer Start

Digital Level Controller
Volume control can be done.

Compu Program Editing
Selects the tracks for both sides of the tape within the specified time.

Time Fade Editing
Selects the tracks within the specified time. Playback stops with a fade-out.

Magazine Hi-Lite Scan
- DISC SCAN
- TRACK SCAN

Multi-Memory
Stores programs/music type/disc data

Power On/Off (remote control unit)

Automatic Power On Function

Power Down Eject Function

5. Display

FL Tube Display

- Elapsed Time Display (min, sec)
- Remaining Time (track/disc) Display
- Total Time Display
- Disc Number, Track Number
- Program Step Number
- Program Indicator
- Repeat Indicator
- Random Play Indicator
- ATT Level Display
- Time Fade Editing Indicator
- Compu Program Editing Indicator
- Delete Indicator
- Multi-Memory Disc Data/Music Type/Program/Delete Indicators
- Disc Symbol Indicators
- Music calendar
- ADLC indicator
- DISC SCAN indicators
- FADER indicators

6. Accessories

- Remote control unit 1
- Size AAA/R03/dry batteries 2
- Six-compact-disc magazine 1
- Single-compact-disc magazine 1
- Output cord 1
- Control cord 1
  (PD-M51 and Canadian model of PD-M750 only)
- Operating instructions 1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.

The Magazine Type Multi-Play CD Players with mark and the Magazines with the same mark are compatible for 5-inch (12cm) discs.

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